

Serial No. 10/790,583

Group Art Unit: 2831

Amendments to the Drawings:

Figure 6A, objected to by the Examiner in the Office Action, is hereby cancelled from the present application.

REMARKS

The Final Office Action mailed October 10, 2006, has been received and the Examiner's comments carefully reviewed. Applicants have amended the claims to accept allowable subject matter. Specifically, claims 77-85, 115, and 120-129 have been indicated to be allowed. Claims 100-114 and 117-119 have been indicated to be allowable except for a drawing objection. Applicants have addressed the drawing objection and amended independent claims 100, 104, and 114 to put these claims in allowable condition. Claim 99 has also been objected to as being dependent upon a rejected base claim but has been indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, features of claim 99 and claim 90, which claim 99 depends from, have been incorporated in claim 89 putting claim 89 in allowable condition. Claims 90 and 99 have been cancelled without prejudice or disclaimer. Claims 86-88 and 116 have also been cancelled without prejudice or disclaimer. No new matter has been added. Pending claims 77-85, 89, 91-98, 100-115, and 117-129 are in condition for immediate allowance and notification to that effect is respectfully requested.

Drawings and Summary of Examiner Interview Regarding the Drawings

In the Office Action, FIG. 6A filed on 6/26/06 has been objected to under 35 U.S.C. 132(a) for introducing new matter into the disclosure. Applicants respectfully traverse this objection. However, in order to advance the prosecution of this application, Applicants hereby cancel FIG. 6A from the application.

Applicants submitted a proposed drawing correction to the Examiner on October 26, 2006 and discussed the proposed drawing correction with the Examiner on October 27 in a phone interview. An agreement could not be reached as to the objection regarding FIG. 6A and the new proposed drawing correction. It has been decided by the Applicants to cancel FIG. 6A from the application. During the interview, it was requested by the Examiner to cancel FIG. 6A from the application and it was noted by the Examiner that claims 100-114 and 117-119 would be in allowable condition without the presence of FIG. 6A if the phrase "the core including a

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separator" was removed from these claims. Applicants thank the Examiner for the opportunity to discuss this matter in a phone interview.

Claim Rejections - 35 USC § 102

In the Office Action, claims 86-93, 95-98 and 116 have been rejected under 35 U.S.C. 102(e) as being anticipated by Glew et al. (US 6639152).

Regarding claim 86, as noted above, independent claim 86 and dependent claims 87-88 and 116 have been cancelled without prejudice or disclaimer, rendering this rejection moot for these claims.

Regarding claim 89, as noted above, independent claim 89 has been amended to include the features of allowable dependent claim 99 which also depends upon dependent claim 90, and, claims 90 and 99 have, thus, been cancelled. Therefore, claim 89 is in condition for allowance over Glew et al. Claims 91-93 and 95-98 depend from and further modify independent claim 89 and are patentable over Glew et al. for at least the same reason specified with respect to claim 89.

In view of the above, withdrawal of the rejection over claims 86-93, 95-98 and 116 is respectfully requested.

Claim Rejections - 35 USC § 103

In the Office Action, claim 94 has been rejected under 35 U.S.C. 103(a) as being unpatentable over Glew et al.

As noted above, independent claim 89 has been amended to include the features of allowable dependent claim 99 and of claim 90, which claim 99 depends from, putting claim 89 in allowable condition. Claims 90 and 99 have, thus, been cancelled. Claim 94 depends from and further modifies independent claim 89 and is patentable over Glew et al. for at least the same reason claim 89 is patentable.

Withdrawal of the rejection over claim 94 is respectfully requested.

Allowable Subject Matter

In the Office Action, claim 99 has been objected to as being dependent upon a rejected base claim but has been indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicants thank the Examiner for this notification. Accordingly, features of claim 99 and claim 90, which claim 99 depends from, have been incorporated in claim 89 putting claim 89 in allowable condition. Claims 90 and 99 have been cancelled without prejudice or disclaimer.

In the Office Action, claims 100-114 and 117-119 have been indicated to be allowable except for a drawing objection. Applicants thank the Examiner for this notification. Applicants have addressed the drawing objection by cancelling FIG. 6A from the present application and by deleting the term "the core including a separator" from independent claims 100, 104, and 114.

It is respectfully noted that claims independent claims 100, 104, and 114 are in condition for allowance without the phrase "the core including a separator" as indicated on pages 8 and 9 of the Office Action and as noted by the Examiner in the Examiner Interview.

Specifically, the Office Action states on page 8 and 9 that "Re claim 100-103, 117, prior arts do not teach or suggest the combination of a data transmission cable with four or fewer twisted pairs of data transmission conductors, a jacket defining an interior passage, the air in the central region occupying a volume between the four or fewer twisted pairs of conductors within, the number of channels being greater than the number of twisted pairs." Moreover, the Office Action states on page 9 that "Re claim 104-114, 119, prior arts do not teach or suggest the combination of a cable with four or fewer twisted pairs of data transmission conductors, a jacket defining an interior air passage that extends along a length of the jacket, the core being located within the central region, the peripheral region including a plurality of channels, the number of channels being greater than the number of twisted pairs."

Thus, in view of the above, claims 100-114 and 117-119 are in condition for immediate allowance and withdrawal of the objection to claims 100-114 and 117-119 is respectfully requested.

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In addition, claims 77-85, 115, and 120-129 have been indicated to be allowed. Applicants also thank the Examiner for this notification.

It is respectfully submitted that each of the presently pending claims (77-85, 89, 91-98, 100-115, and 117-129) is in condition for allowance and notification to that effect is requested. Although certain arguments regarding patentability are set forth herein, there may be other arguments and reasons why the claimed invention is patentably distinct. Applicants reserve the right to raise these arguments in the future. The Examiner is invited to contact Applicants' representative at the below-listed telephone number if it is believed that the prosecution of this application may be assisted thereby.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Date: _____

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Alpaslan Sapmaz
Reg. No. 58,911
ASapmaz/dc